SYSTEM FOR MULTIPLEXING VIDEO DATA STREAMS IN A DIGITAL VIDEO RECORDER AND METHOD OF OPERATING THE SAME

ABSTRACT OF THE DISCLOSURE

There is disclosed systems for multiplexing packetized

5   elementary streams in a digital video recorder (DVR), methods of

operating the same, and multiplexed program streams. One such

system is associated with a DVR and operates to multiplex

packetized elementary streams into a multiplexed program stream,

the packetized elementary streams comprising PES packets of

10   disparate size. The system is operable to (i) receive the PES

packets into a memory buffer, (ii) reformat each of the received

PES packets into at least one fixed-size program packet having a

header and a payload, the header defining a payload content, and

(iii) associate ones of the at least one fixed-size program packets

15   into the multiplexed program stream.